

Peer Review File

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Review Comments

Reviewer A

Overall a solid review of the issues with penile prosthesis implantation, which is not necessarily novel but remains useful given the detailed explanation of process in your center. HOWEVER, Given that you are describing the procedures in your center it would be helpful to have complication rates in your center using the reported procedure.

Reply: We have reviewed and put together our primary surgeon's complication rate and created an additional table for this publication (the table is at the end of the document and is referenced in the text after our complication section begins on pages 11-12 of the manuscript).

Reviewer B

How did the authors find their literature? I cannot find a presented overview of their organised literature search. what were in- and exclusion criteria? They should add this to their methods section to give the manuscript more power.

Reply: An overview of our literature review for this invited review article has been added after our introduction and before we discuss our practice pattern on page 5.

The abstract session does not contain any results that the reader can interpret. For instance "with reported ranges of complications from 20 to 80%": what do I do with this information? It is so broad.

Reply: We have modified our text as advised (see page 3-4 of our abstract) to include details regarding the importance of recognizing these complications and addressing variability in the literature of reported ranges.

I am missing the reason why this review is written

Reply: We were invited by the Editors of this Special Edition on Penile Prosthesis surgery to contribute a review article that described our technique for prostheses after gender-affirming phalloplasty, for a clinical audience. In response to this request, we have written a narrative review of common complications and included surgical tips/tricks based on our experience. We have clarified this for our readers by adding the narrative review label to our title and changes made to the abstract/text.

The conclusion: "To optimize outcomes, it is important that surgeons have an in-depth understanding of phalloplasty anatomy and are equipped to manage potential

complications in the short- and long-term" is a generic statement and does not follow the results.

Reply: We appreciate this input and have deleted this line.

Reviewer C

Well written review of penile prosthesis after phalloplasty with excellent photos. For the ambicor device, the reservoir is at the base. Can the authors elaborate on how fixation to the pubic bone is performed in this case?

Reply: In our technical description on pages 6-9, we have added additional information in paragraph 8 to elaborate on pubic bone fixation (without referencing brand names of devices).